

2017	Local Oscillator	January
	<b>Local Oscillator</b>	
Mesilla Valley Radio Club		

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Current Events			Table of Contents
Date	Event	Time	Christmas Dinner Club Meeting Noise Floor Club Meeting Minutes Board Minutes Treasurer Report Club Location Club Officers Membership Application
Sat	Informal at Cracker Barrel	6:00 AM	
M, W, F	Informal Wal-Mart (West)	10:00 AM	
Wed	MVRC Net 146.64	6:45 PM	
Jan 3	Builder's Group Club House	7PM	
Jan 7	Coffee Club House	8AM	
Jan 7	Business meeting Club House	9 AM	
Jan 11	Board Meeting Club House	7 PM	
Jan 10	Linux –SIG Club House	7 PM	
Jan 17	Builders Group Club House	7 PM	
Jan 24	Linux - SIG Club House	7 PM	
Feb 25	3 rd annual NM TechFest For more info click the link on right	<a href="http://www.rmham.org/wordpress/new-mexico-techfest">http://www.rmham.org/wordpress/new-mexico-techfest</a>	
For more events see <a href="http://www.n5bl.org/calendar">http://www.n5bl.org/calendar</a>			



**Southwest Antennas & Accessories**

More information at <http://swantenna.com>



## **Christmas Dinner 2016**

## **The Articles for This Month**

### **MVRC 2017 Christmas Dinner**

The annual Christmas Dinner was held, starting at 6:30 PM on December 3, at the Golden Corral, as in the recent past. However, this year it was in a quite different location. The Golden Corral moved from its old location on Telshor Billiard to a brand-new building on Hickory Loop. The new location is near the intersection of Avenida de Mesilla and I 10 and near several motels. The new building was about the same size as the old one but did have a private room for the club. The picture above shows this room conveniently located near the food tables. The club comfortably filled the room. Everybody had their fill of food and conversation.

### **First 2017 Club Meeting**

The first meeting of 2017 will be held on January 7. There will be licensing exams given after the meeting.

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## Noise Floor Report

KB6NU

Last June, the FCC's Technical Advisory Committee asked licensed and unlicensed users of the electromagnetic spectrum to answer some questions about the noise they were experiencing and whether or not it was affecting their services. Specifically, they asked:

- Is there a noise floor problem?
- Where does the problem exist? Spectrally? Spatially? Temporally?
- Is there quantitative evidence of the overall increase in the total integrated noise floor across various segments of the radio frequency spectrum?
- How should a noise study be performed?

Well, the results are in, and Radio World recently published a summary of the responses that the FCC received (<http://www.radioworld.com/business-and-law/0009/noise-floor-where-do-we-go-from-here/338242>). The FCC received 93 replies from 73 (great number, eh?) different people or organizations, including:

- 23 companies/industry organizations
- 39 RF professionals (broadcast and wireless)
- 31 licensed radio amateurs
- 9 responders did not reply to the questions asked

Respondents included the ARRL, the Society of Broadcast Engineers, the National Association of Broadcasters, the National Public Safety Telecommunications Council, ATT, and the National Electrical Manufacturers Association. I found especially interesting comments from the Society of Broadcast Engineers. They include:

- Increased cooperation is needed between manufacturers of Part 15 devices and users of radio spectrum to identify noise sources and take appropriate remedial action.
- Radiated emission limits below 30 MHz in the FCC Part 15 rules for unintentional emitters should be enacted. There are presently no radiated emission limits below 30 MHz for most unintentional emitters.
- Reduced Part 15 limits for LED lights should be enacted to be harmonized with the Part 18 lower limits for fluorescent bulbs.
- Better labeling on packaging for Part 18 fluorescent bulbs and ballasts to better inform consumers of potential interference to radio, TV and cellphone reception in the residential environment.
- Specific radiated and/or conducted emission limits for incidental emitters, such as motors or power lines, should be enacted.
- Conducted emission limits on pulse-width motor controllers used in appliances should be enacted.
- Substantially increase the visibility of enforcement in power line interference cases.

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Other organizations made similar comments.

While the report is encouraging, it won't mean a thing if no action is taken on these issues. Given that the FCC is cutting back on its field offices, and our president-elect has said that he plans to reduce the number of governmental regulations, I'm not optimistic that we'll see the noise situation get better before it gets worse. What do you all think?

## Monthly Club Meeting

No club meeting

## Monthly Board Meeting

No board meeting

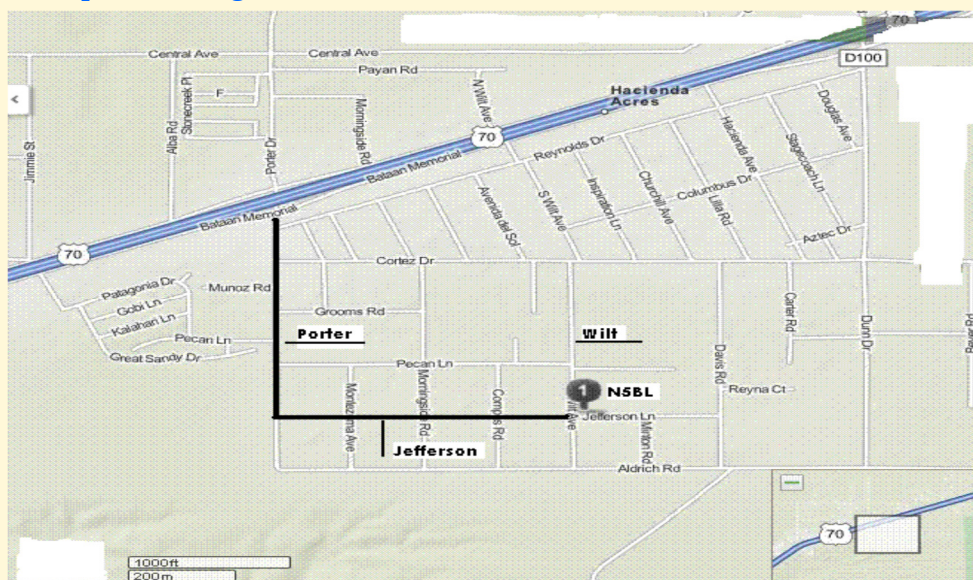
## Treasurer Report

No board meeting



## CLUB INFORMATION

The MVRC Clubhouse is located at the intersection of Wilt and Jefferson. To find the clubhouse, set your destination on your GPS receiver as 32 degrees 22.961 minutes and -106 degrees 41.44 minutes. If you don't own a GPS, take the Porter exit near the firehouse on US 70. It is about 5 miles east from the I 25 interchange. Go south on Porter until you come to Jefferson. There turn left toward the mountains and go to Wilt. You will see the beam on the corner. The treasurer would be delighted to receive your contribution for landscaping and furnishing. More information at <http://n5bl.org>



### Officers

Office	Name	Call	Phone	E-Mail
President	Sven Breden	K5SHB	655-0414	<a href="mailto:sven.breden@gmail.com">sven.breden@gmail.com</a>
Secretary	Howard Brewington	KJ5NJ		<a href="mailto:comet_brewington@msn.com">comet_brewington@msn.com</a>
Treasurer	Furman Smith	KF5KHL	382-5982	<a href="mailto:comet_brewington@msn.com">comet_brewington@msn.com</a>
Board Members				
Education	Cash Olsen	KD5SSJ	382-1917	<a href="mailto:kd5ssj@arrl.net">kd5ssj@arrl.net</a>
Clubhouse	Bob Bennett	AD5LJ	382-0148	<a href="mailto:rpbennett1@comcast.net">rpbennett1@comcast.net</a>
Newsletter	Alex. Burr	K5XY	522-2528	<a href="mailto:k5xy@arrl.net">k5xy@arrl.net</a>
Repeater	Robert Truitt	KE5OFK	649-4173	<a href="mailto:robhtruitt@zianet.com">robhtruitt@zianet.com</a>
Commo	George Kopp	KD5OHA	649-5903	<a href="mailto:geokd5oha@yahoo.com">geokd5oha@yahoo.com</a>
Special	Earl Drexler	N5TMT	639-055	<a href="mailto:earld@yahoo.com">earld@yahoo.com</a>

## JOIN THE MESILLA VALLEY RADIO CLUB

Name(s) \_\_\_\_\_

EMAIL \_\_\_\_\_

*If you want confirmation that your payment was received and processed, please include your email address*

Street Address \_\_\_\_\_ PO Box# \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_ Phone \_\_\_\_\_

To join the Mesilla Valley Radio Club or renew your membership, please complete this form and print or cut out. Send it to **"Treasurer, MVRC, PO Box 1443, Las Cruces, NM 88004"** with annual dues (\$35 single, \$45 family)

Date: \_\_\_\_\_ Method of payment: Check No. \_\_\_\_\_ Other \_\_\_\_\_

Call Sign(S) \_\_\_\_\_ Family Membership Yes \_\_\_\_\_ No \_\_\_\_\_

License Class (E, A, G, T, N) \_\_\_\_\_ ARRL Member? (Y/N) \_\_\_\_\_

Are You a ARRL Volunteer Examiner (Y/N) \_\_\_\_\_

Would you like to be added to the MVRC reflector (email information system)? \_\_\_\_\_

### Interests

Computer \_\_\_\_\_ Contests \_\_\_\_\_ Digital \_\_\_\_\_ Elmer \_\_\_\_\_ Emergency Communications \_\_\_\_\_

Field Day \_\_\_\_\_ Packet \_\_\_\_\_ Programs \_\_\_\_\_ Public Service \_\_\_\_\_ Publicity \_\_\_\_\_ RFI \_\_\_\_\_

Repeater \_\_\_\_\_ Social \_\_\_\_\_ License Classes \_\_\_\_\_ Teach Licensing Classes \_\_\_\_\_

Volunteer Examiner \_\_\_\_\_ QRSS \_\_\_\_\_ Other \_\_\_\_\_

### Comments